SEARCH REQUEST TOWN

Scientific and Technical Information Center

A chi	(Restry) Shiso e Number 36 2-070 ion: PEN Resu	Examiner # . 7952 Da	te: \$/05/per/
Requester's Full Name: // Ohm	a Number 26 2-070	Z Serial Number: 1/50	7,073
Art Unit: / 026 Phon	ion Prof Resu	lts Format Preferred (circle): PA	APER DISK E-MAIL
Mail Box and Bldg/Room Locat	1011. RE115/11/2018		
If more than one search is su	hmitted please prioritiz	e searches in order of need.	•
********	*******	***	
Please provide a detailed statement of Include the elected species or structure utility of the invention. Define any terknown. Please attach a copy of the cov. Title of Invention:	es, keywords, synonyms, acron ms that may have a special me wer sheet, pertinent claims, and	yms, and registry numbers, and come aning. Give examples or relevant cit	ille with the concept of
Title of invention.	1:4.1		
Inventors (please provide full names	s): / Kancsash		
,	·		
Earliest Priority Filing Date:			
For Sequence Searches Only Please i	nclude all pertinent information (parent, child, divisional, or issued paten	t numbers) along with the
appropriate serial number.	,		
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and the	cupler is	the oper.	Fer Nen) MAGNET, 3K)
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STAFF USE ONLY	Type of Search	Vendors and cost whe	re applicable
Searcher:	NA Sequence (#)	STN	
·	(#)	Dialog	

Questel/Orbit ___

Structure (#)

Searcher Location:



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NODE ATTRIBUTES:
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NSPEC IS R AT 1
NSPEC IS RC AT 2
NSPEC IS RC AT 3
NSPEC IS RC AT 4
NSPEC IS RC AT 5
CONNECT IS M2 RC AT 3
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L9 6027 SEA FILE=REGISTRY SSS FUL L7

100.0% PROCESSED 66757 ITERATIONS

SEARCH TIME: 00.00.01

6027 ANSWERS

=> d que stat 110

L10 1 SEA FILE=REGISTRY ABB=ON PLU=ON 9003-53-6/RN

=> d que nos 182

L7 STR

L9 6027 SEA FILE=REGISTRY SSS FUL L7

L82 0 SEA FILE=REGISTRY ABB=ON PLU=ON L9 AND (MEDLINE/LC OR EMBASE/LC OR BIOSIS/LC OR CABA/LC OR BIOTECHNO/LC OR DRUGU/LC

OR VETU/LC)

=> d que nos 155

\mathbf{F}_{A}	STR										
L9 "	6027 SEA FILE=REGISTRY SSS FUL L7										
L10	1 SEA FILE=REGISTRY ABB=ON PLU=ON 9003-53-6/RN										
L11	QUE ABB=ON PLU=ON ?RUTHEN? OR RU										
L12	QUE ABB=ON PLU=ON "9003-53-6D" OR "9003-53-6DP"										
L16	QUE ABB=ON PLU=ON "484034-35-7D" OR "484034-35-7DP" OR										
"484034-37-9D" OR "484034-37-9DP"											
L17	QUE ABB=ON PLU=ON ?POLYMER OR COPOLYMER? OR HOMOPOLYME										
	R? OR ?POLYMERI?										
L18	QUE ABB=ON PLU=ON SUPPORT OR SCAFFOLD OR FRAMEWORK OR										
	(FRAME (W) WORK)										
L19	QUE ABB=ON PLU=ON BIND? OR ?BOUND OR ATTACH? OR TETHER										
	? OR BOND? OR COORDINAT? OR COMPLEX?										
L20	QUE ABB=ON PLU=ON ORGANIC										
L21	QUE ABB=ON PLU=ON ?STYREN? OR ?POLYSTYREN?										
L22	OUE ABB=ON PLU=ON ARENE OR HETEROARENE OR ARENYL? OR H										

L9 ANSWER 48 OF 103 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:34600 CAPLUS

DOCUMENT NUMBER: 132:79002

TITLE: Ruthenium or osmium complex polymerization catalysts

for olefin/acrylics

INVENTOR(S): Noels, Alfred Felix

PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.

SOURCE: Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIN	D	DATE	DATE		APPLICATION NO.						DATE			
E		9709	72			 A1		2000			 EP 1	 998-	 8106	 54		 1	 9980'	710	
		R:			CH,			ES,	FR,						NL,	_			

IE, SI, LT, LV, FI, RO PRIORITY APPLN. INFO.:

EP 1998-810654 19980710

OTHER SOURCE(S): MARPAT 132:79002

AB A polymerizable aliphatic monomer or oligomer containing ethylene groups is polymerized with a monocomponent Ru (II) or Os (II) complex catalyst. These catalysts are used to prepare a (co)oligomer or (co)polymer by free radical polymerization

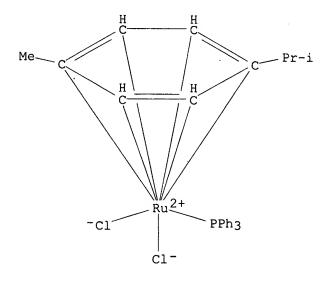
IT 52490-94-5 145381-23-3 167412-51-3 169829-68-9 253785-26-1 253785-27-2

RL: CAT (Catalyst use); USES (Uses)

(Ruthenium or osmium complex polymerization catalysts)

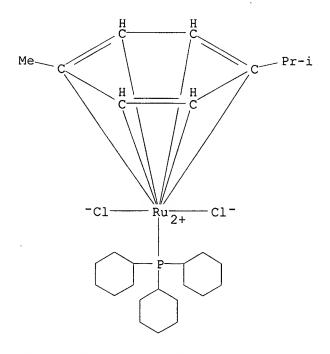
RN 52490-94-5 CAPLUS

CN Ruthenium, dichloro[$(1,2,3,4,5,6-\eta)-1$ -methyl-4-(1-methyl)benzene](triphenylphosphine)- (9CI) (CA INDEX NAME)



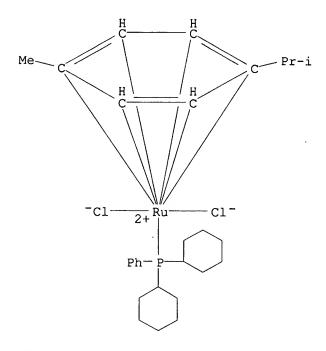
RN 145381-23-3 CAPLUS

CN Ruthenium, dichloro[$(1,2,3,4,5,6-\eta)-1$ -methyl-4-(1-methyl)benzene](tricyclohexylphosphine)- (9CI) (CA INDEX NAME)



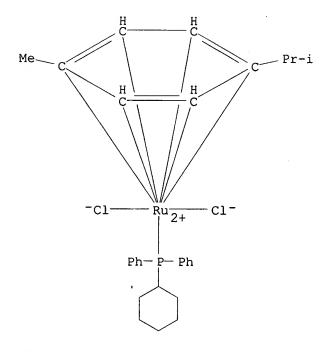
RN 167412-51-3 CAPLUS

CN Ruthenium, dichloro(dicyclohexylphenylphosphine) [(1,2,3,4,5,6- η)-1-methyl-4-(1-methylethyl)benzene]- (9CI) (CA INDEX NAME)

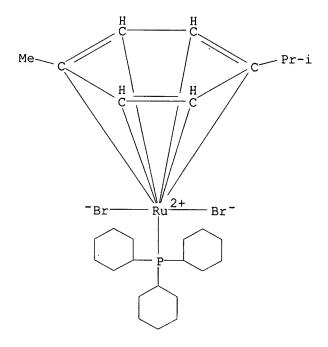


RN 169829-68-9 CAPLUS

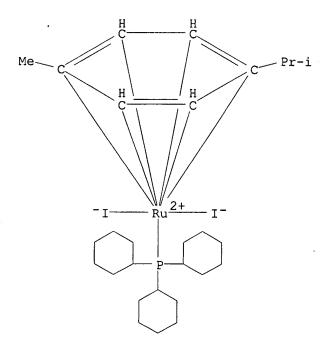
CN Ruthenium, dichloro(cyclohexyldiphenylphosphine)[(1,2,3,4,5,6-η)-1-methyl-4-(1-methylethyl)benzene]- (9CI) (CA INDEX NAME)



RN 253785-26-1 CAPLUS
CN Ruthenium, dibromo[(1,2,3,4,5,6-η)-1-methyl-4-(1methylethyl)benzene](tricyclohexylphosphine)- (9CI) (CA INDEX NAME)



RN 253785-27-2 CAPLUS CN Ruthenium, diiodo[(1,2,3,4,5,6- η)-1-methyl-4-(1-methylethyl)benzene](tricyclohexylphosphine)- (9CI) (CA INDEX NAME)



L2 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:656856 CAPLUS

DOCUMENT NUMBER: 133:350569

TITLE: Synthesis and evaluation of new RuCl2(p-cymene)(ER2R')

and (n1:n6-phosphinoarene) RuCl2 complexes as

ring-opening metathesis polymerization catalysts

AUTHOR(S): Jan, D.; Delaude, L.; Simal, F.; Demonceau, A.; Noels,

A. F.

CORPORATE SOURCE: Sart-Tilman, Institut de Chimie (B6a), Center for

Education and Research on Macromolecules (CERM),

Universite de Liege, Liege, B-4000, Belg.

SOURCE: Journal of Organometallic Chemistry (2000), 606(1),

55-64

CODEN: JORCAI; ISSN: 0022-328X

PUBLISHER: Elsevier Science S.A.

DOCUMENT TYPE: Journal LANGUAGE: English

AB New RuCl2(p-cymene) (ER2R') complexes (E = P, As, Sb; R, R' = H, alkyl, arylalkyl) have been synthesized and used as catalyst precursors for the ring-opening metathesis polymerization (ROMP) of cyclooctene, cyclopentene, and norbornene. When ER2R' was a phosphinoarene, the p-cymene ligand could be displaced upon heating and tethered (η1:η6-phosphinoarene)RuCl2 complexes were obtained. Simple thermogravimetric anal. (TGA) of the complexes provided clear-cut indication on their potential catalytic activity in ROMP.

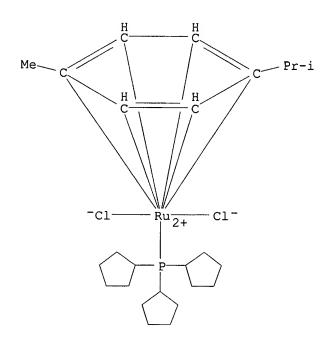
IT 306308-16-7P

RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(synthesis and evaluation of RuCl2(p-cymene)(ER2R') and $(\eta 1: \eta 6$ -phosphinoarene)RuCl2 complexes as ring-opening metathesis polymerization catalysts)

RN 306308-16-7 CAPLUS

CN Ruthenium, dichloro[$(1,2,3,4,5,6-\eta)$ -1-methyl-4-(1-methyl)benzene](tricyclopentylphosphine)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: